

Salah S Al-Zaiti

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

1,064
citations

516215

16
h-index

454577

30
g-index

122
all docs

122
docs citations

122
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep Problems, Depression, Substance Use, Social Bonding, and Quality of Life in Professional Firefighters. <i>Journal of Occupational and Environmental Medicine</i> , 2011, 53, 928-933.	0.9	239
2	Exercise-Related Acute Cardiovascular Events and Potential Deleterious Adaptations Following Long-Term Exercise Training: Placing the Risks Into Perspective—An Update: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2020, 141, e705-e736.	1.6	172
3	Machine learning-based prediction of acute coronary syndrome using only the pre-hospital 12-lead electrocardiogram. <i>Nature Communications</i> , 2020, 11, 3966.	5.8	102
4	A Low-Glycemic Nutritional Fitness Program to Reverse Metabolic Syndrome in Professional Firefighters. <i>Journal of Cardiovascular Nursing</i> , 2011, 26, 298-304.	0.6	33
5	Increased T wave complexity can indicate subclinical myocardial ischemia in asymptomatic adults. <i>Journal of Electrocardiology</i> , 2011, 44, 684-688.	0.4	30
6	The Selvester QRS Score is more accurate than Q waves and fragmented QRS complexes using the Mason-Likar configuration in estimating infarct volume in patients with ischemic cardiomyopathy. <i>Journal of Electrocardiology</i> , 2010, 43, 318-325.	0.4	28
7	Novel technical solutions for wireless ECG transmission & analysis in the age of the internet cloud. <i>Journal of Electrocardiology</i> , 2013, 46, 540-545.	0.4	26
8	Rationale, development, and implementation of the Electrocardiographic Methods for the Prehospital Identification of Non-ST Elevation Myocardial Infarction Events (EMPIRE). <i>Journal of Electrocardiology</i> , 2015, 48, 921-926.	0.4	26
9	Paroxysmal Supraventricular Tachycardia. <i>Critical Care Nursing Clinics of North America</i> , 2016, 28, 309-316.	0.4	24
10	Clinical Utility of Ventricular Repolarization Dispersion for Real-Time Detection of Non-ST Elevation Myocardial Infarction in Emergency Departments. <i>Journal of the American Heart Association</i> , 2015, 4, .	1.6	23
11	Electrocardiographic Responses During Fire Suppression and Recovery Among Experienced Firefighters. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, 938-942.	0.9	22
12	Comparison of clinical risk scores for triaging high-risk chest pain patients at the emergency department. <i>American Journal of Emergency Medicine</i> , 2019, 37, 461-467.	0.7	21
13	The Prevalence of Clinical and Electrocardiographic Risk Factors of Cardiovascular Death Among On-duty Professional Firefighters. <i>Journal of Cardiovascular Nursing</i> , 2015, 30, 440-446.	0.6	20
14	In Search of an Optimal Subset of ECG Features to Augment the Diagnosis of Acute Coronary Syndrome at the Emergency Department. <i>Journal of the American Heart Association</i> , 2021, 10, e017871.	1.6	20
15	Remote and wearable ECG devices with diagnostic abilities in adults: A state-of-the-science scoping review. <i>Heart Rhythm</i> , 2022, 19, 1192-1201.	0.3	19
16	Spatial indices of repolarization correlate with non-ST elevation myocardial ischemia in patients with chest pain. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 1-12.	1.6	18
17	A clinician's guide to understanding and critically appraising machine learning studies: a checklist for Ruling Out Bias Using Standard Tools in Machine Learning (ROBUST-ML). <i>European Heart Journal Digital Health</i> , 2022, 3, 125-140.	0.7	17
18	Prevalence and Predictors of Delay in Seeking Emergency Care in Patients Who Call 9-1-1 for Chest Pain. <i>Journal of Emergency Medicine</i> , 2019, 57, 603-610.	0.3	14

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19	Electrocardiogram-based predictors of clinical outcomes: A meta-analysis of the prognostic value of ventricular repolarization. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2014, 43, 516-526.	0.8	12
20	The prognostic value of discordant T waves in lead aVR: A simple risk marker of sudden cardiac arrest in ischemic cardiomyopathy. <i>Journal of Electrocardiology</i> , 2015, 48, 887-892.	0.4	12
21	The role of machine learning applications in diagnosing and assessing critical and non-critical CHD: a scoping review. <i>Cardiology in the Young</i> , 2021, 31, 1770-1780.	0.4	12
22	The role of heart rate variability, heart rate turbulence, and deceleration capacity in predicting cause-specific mortality in chronic heart failure. <i>Journal of Electrocardiology</i> , 2019, 52, 70-74.	0.4	11
23	Electrocardiographic predictors of sudden and non-sudden cardiac death in patients with ischemic cardiomyopathy. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2014, 43, 527-533.	0.8	10
24	Engaging Clinicians Early During the Development of a Graphical User Display of An Intelligent Alerting System at the Bedside. <i>International Journal of Medical Informatics</i> , 2021, 159, 104643.	1.6	10
25	Coronary Artery Dominance. <i>American Journal of Critical Care</i> , 2011, 20, 401-402.	0.8	9
26	Holiday Heart Syndrome. <i>American Journal of Critical Care</i> , 2014, 23, 171-172.	0.8	9
27	Inflammation-induced atrial fibrillation: Pathophysiological perspectives and clinical implications. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2015, 44, 59-62.	0.8	9
28	Evaluation of beat-to-beat ventricular repolarization lability from standard 12-lead ECG during acute myocardial ischemia. <i>Journal of Electrocardiology</i> , 2017, 50, 717-724.	0.4	9
29	Diurnal, weekly and seasonal variations of chest pain in patients transported by emergency medical services. <i>Emergency Medicine Journal</i> , 2019, 36, 601-607.	0.4	9
30	Lack of Significant Coronary History and ECG Misinterpretation Are the Strongest Predictors of Undertriage in Prehospital Chest Pain. <i>Journal of Emergency Nursing</i> , 2019, 45, 161-168.	0.5	9
31	Novel ECG features and machine learning to optimize culprit lesion detection in patients with suspected acute coronary syndrome. <i>Journal of Electrocardiology</i> , 2021, 69, 31-37.	0.4	9
32	Performance and limitations of automated ECG interpretation statements in patients with suspected acute coronary syndrome. <i>Journal of Electrocardiology</i> , 2021, 69, 45-50.	0.4	9
33	High-Risk Electrocardiographic Parameters are Ubiquitous in Patients with Ischemic Cardiomyopathy. <i>Annals of Noninvasive Electrocardiology</i> , 2012, 17, 241-251.	0.5	7
34	Depression and heart rate variability in firefighters. <i>SAGE Open Medicine</i> , 2014, 2, 205031211454553.	0.7	7
35	Exploring the complex interactions of baseline patient factors to improve nursing triage of acute coronary syndrome. <i>Research in Nursing and Health</i> , 2020, 43, 356-364.	0.8	7
36	Nonspecific electrocardiographic abnormalities are associated with increased length of stay and adverse cardiac outcomes in prehospital chest pain. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2019, 48, 121-125.	0.8	6

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37	Identifying the most important ECG predictors of reduced ejection fraction in patients with suspected acute coronary syndrome. <i>Journal of Electrocardiology</i> , 2020, 61, 81-85.	0.4	6
38	The prognostic value of HEART score in patients with cocaine associated chest pain: An age-and-sex matched cohort study. <i>American Journal of Emergency Medicine</i> , 2021, 45, 303-308.	0.7	5
39	The Association Between Patient Outcomes and the Initial Emergency Severity Index Triage Score in Patients With Suspected Acute Coronary Syndrome. <i>Journal of Cardiovascular Nursing</i> , 2020, 35, 550-557.	0.6	4
40	Implantable Electrical Devices. <i>American Journal of Critical Care</i> , 2013, 22, 163-164.	0.8	3
41	QRS Amplitude Variation During Monitoring. <i>American Journal of Critical Care</i> , 2016, 25, 97-98.	0.8	3
42	Arterial Stiffness Is Associated With QTc Interval Prolongation in Patients With Heart Failure. <i>Biological Research for Nursing</i> , 2018, 20, 255-263.	1.0	3
43	Improving Corrected QT Interval Monitoring in Critical Care Units: A Single Center Report. <i>Critical Care Nurse</i> , 2022, 42, 33-43.	0.5	3
44	Association between history of cancer and major adverse cardiovascular events in patients with chest pain presenting to the emergency department: a secondary analysis of a prospective cohort study. <i>European Journal of Emergency Medicine</i> , 2021, 28, 64-69.	0.5	2
45	Sudden Shortness of Breath and Anxiety. <i>American Journal of Critical Care</i> , 2012, 21, 453-454.	0.8	1
46	Indices of Sudden Cardiac Death. <i>American Journal of Critical Care</i> , 2012, 21, 365-366.	0.8	1
47	Acute Coronary Syndrome ST-Segment Monitoring. <i>American Journal of Critical Care</i> , 2014, 23, 503-504.	0.8	1
48	Chest Pain After Acute Illness. <i>American Journal of Critical Care</i> , 2014, 23, 267-268.	0.8	1
49	Prehospital 12-Lead ECGs and Delivery of Care. <i>American Journal of Critical Care</i> , 2015, 24, 181-182.	0.8	1
50	Drug Induced ECG Abnormalities. <i>American Journal of Critical Care</i> , 2015, 24, 365-366.	0.8	1
51	Syncope With Profound Bradycardia. <i>American Journal of Critical Care</i> , 2016, 25, 281-282.	0.8	1
52	Sources of QRS Couplets. <i>American Journal of Critical Care</i> , 2017, 26, 349-350.	0.8	1
53	Validation of Displayed Electrocardiographic Rhythms at the Central Monitoring Station. <i>American Journal of Critical Care</i> , 2018, 27, 339-340.	0.8	1
54	An Irregular Heart Rhythm in an Athlete. <i>American Journal of Critical Care</i> , 2019, 28, 231-232.	0.8	1

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55	Modified HEART score to optimize risk stratification in cocaine-associated chest pain. American Journal of Emergency Medicine, 2021, 47, 307-308.	0.7	1
56	The role of automated 12-lead ECG interpretation in the diagnosis and risk stratification of cardiovascular disease. , 2022, , 45-87.		1
57	Your neighborhood matters: A machineâ€learning approach to the geospatial and social determinants of health in 9â€ activated chest pain. Research in Nursing and Health, 2021, , .	0.8	1
58	Exploring decision making â€noiseâ€™ when interpreting the electrocardiogram in the context of cardiac cath lab activation. Journal of Electrocardiology, 2022, 73, 157-161.	0.4	1
59	Dynamic Conduction Defects. American Journal of Critical Care, 2010, 19, 301-302.	0.8	0
60	Asystole. American Journal of Critical Care, 2010, 19, 84-85.	0.8	0
61	Syncope: An Uncommon Presentation of Ischemic Cardiomyopathy. Journal for Nurse Practitioners, 2011, 7, 385-391.	0.4	0
62	Exercise Stress Treadmill Testing. American Journal of Critical Care, 2011, 20, 259-260.	0.8	0
63	Computerized Algorithms. American Journal of Critical Care, 2011, 20, 339-340.	0.8	0
64	Bedside Monitoring for Transient Myocardial Ischemia. American Journal of Critical Care, 2011, 20, 171-172.	0.8	0
65	ECG Screening of Special Populations. American Journal of Critical Care, 2012, 21, 209-210.	0.8	0
66	Impaired Impulse Formation. American Journal of Critical Care, 2012, 21, 293-294.	0.8	0
67	Congenital Anomaly. American Journal of Critical Care, 2012, 21, 131-132.	0.8	0
68	A New Puzzler Guide. American Journal of Critical Care, 2012, 21, 68-70.	0.8	0
69	Emergency Evaluation of 12-Lead ECGs. American Journal of Critical Care, 2013, 22, 267-268.	0.8	0
70	Arrhythmias of Noncardiac Origin. American Journal of Critical Care, 2013, 22, 445-446.	0.8	0
71	Syncope and Cardiac Rhythms. American Journal of Critical Care, 2013, 22, 361-362.	0.8	0
72	Neonatal Cardiac Monitoring. American Journal of Critical Care, 2013, 22, 533-534.	0.8	0

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73	ECG Interpretation Confounders. American Journal of Critical Care, 2013, 22, 77-78.	0.8	0
74	Asymptomatic Irregular Cardiac Rhythm. American Journal of Critical Care, 2014, 23, 429-430.	0.8	0
75	T-Wave Amplitude Changes. American Journal of Critical Care, 2014, 23, 85-86.	0.8	0
76	Repolarization Abnormalities in Young Athletes. American Journal of Critical Care, 2014, 23, 345-346.	0.8	0
77	Post-Myocardial Infarction Arrhythmias. American Journal of Critical Care, 2015, 24, 269-270.	0.8	0
78	Heart-Rate Induced Conduction Defects. American Journal of Critical Care, 2015, 24, 93-94.	0.8	0
79	ECG Changes During Neurologic Injury. American Journal of Critical Care, 2015, 24, 453-454.	0.8	0
80	Bedside ECG Alarm Management. American Journal of Critical Care, 2015, 24, 545-546.	0.8	0
81	Repolarization Alterations in a Genetic Disorder. American Journal of Critical Care, 2016, 25, 465-466.	0.8	0
82	Differential Diagnoses for Suspected ACS. American Journal of Critical Care, 2016, 25, 377-378.	0.8	0
83	Ventricular Ectopy in Hospitalized Elderly Adults. American Journal of Critical Care, 2016, 25, 565-566.	0.8	0
84	Symptomatic Bradycardia in a Healthy Older Adult. American Journal of Critical Care, 2016, 25, 185-186.	0.8	0
85	A Rare Disease With Cardiac Involvement. American Journal of Critical Care, 2017, 26, 89-90.	0.8	0
86	Similar ECG Features in 2 Different Diagnoses. American Journal of Critical Care, 2017, 26, 169-170.	0.8	0
87	Predictive Pattern for Acute Myocardial Infarction. American Journal of Critical Care, 2017, 26, 257-258.	0.8	0
88	Undetectable P Waves. American Journal of Critical Care, 2017, 26, 509-510.	0.8	0
89	Global ST-T Wave Changes: Ischemic vs Nonischemic. American Journal of Critical Care, 2017, 26, 425-426.	0.8	0
90	Managing Older Persons with Multiple ECG Features. American Journal of Critical Care, 2018, 27, 161-162.	0.8	0

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91	Prognostic ECG Changes in A Preoperative Assessment. American Journal of Critical Care, 2018, 27, 77-78.	0.8	0
92	The Value of Lead aVR: A Frequently Neglected Lead. American Journal of Critical Care, 2018, 27, 249-250.	0.8	0
93	Cardiac Dysrhythmia During Pacing in an Infant. American Journal of Critical Care, 2018, 27, 519-520.	0.8	0
94	Cardiac Cause of Frequent Falls in an Elderly Patient. American Journal of Critical Care, 2018, 27, 429-430.	0.8	0
95	Important Electrocardiographic Changes in the Absence of Positive Cardiac Biomarkers. American Journal of Critical Care, 2019, 28, 325-326.	0.8	0
96	Heart-Brain Interaction on the Electrocardiogram. American Journal of Critical Care, 2019, 28, 493-494.	0.8	0
97	Evaluation of Wide-Complex Tachycardia. American Journal of Critical Care, 2019, 28, 401-402.	0.8	0
98	Importance of Evaluating Prior Electrocardiograms. American Journal of Critical Care, 2019, 28, 157-158.	0.8	0
99	Electrocardiographic Changes Associated With a Life-Threatening Condition. American Journal of Critical Care, 2019, 28, 85-86.	0.8	0
100	Evaluation of Extreme Bradyarrhythmias in Symptomatic Adults. American Journal of Critical Care, 2021, 30, 83-84.	0.8	0
101	Affirming Arrhythmia Diagnosis Using All Available Electrocardiography Leads. American Journal of Critical Care, 2021, 30, 161-162.	0.8	0
102	Electrocardiographic Features Associated With Obstructive Sleep Apnea. American Journal of Critical Care, 2021, 30, 243-244.	0.8	0
103	Exercise-Induced Arrhythmias. American Journal of Critical Care, 2021, 30, 331-332.	0.8	0
104	Overview of featurization techniques used in traditional versus emerging deep learning-based algorithms for automated interpretation of the 12-lead ECG. Journal of Electrocardiology, 2021, 69S, 7-11.	0.4	0
105	Refractory Angina Confounded by Preexcitation Syndrome. American Journal of Critical Care, 2021, 30, 407-408.	0.8	0
106	A Novel Non-Invasive Assessment of Cardiac Hemodynamics in Patients With Heart Failure and Atrial Fibrillation. Cardiology Research, 2020, 11, 370-375.	0.5	0
107	Arrhythmia Diagnosis and the 12-Lead Electrocardiogram: Seeing the Whole Picture. American Journal of Critical Care, 2020, 29, 237-238.	0.8	0
108	Transient Cardiac Rhythm Changes. American Journal of Critical Care, 2021, 30, 483-484.	0.8	0

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109	Electrical Disturbance From a Systemic Disease. <i>American Journal of Critical Care</i> , 2020, 29, 77-78.	0.8	0
110	Sinus Rhythm With Frequent Funny-Looking Beats. <i>American Journal of Critical Care</i> , 2020, 29, 155-156.	0.8	0
111	The Complexities of Wide Complex Tachycardias. <i>American Journal of Critical Care</i> , 2020, 29, 325-326.	0.8	0
112	Noteworthy Electrocardiographic Changes Following Pharmacologic Treatment of COVID-19. <i>American Journal of Critical Care</i> , 2020, 29, 407-408.	0.8	0
113	Preoperative Screening 12-Lead Electrocardiogram Reveals Correctable Cardiac Conditions. <i>American Journal of Critical Care</i> , 2020, 29, 493-494.	0.8	0
114	A Rhythmic Electrocardiographic Pattern in an Older Adult With Chest Pain. <i>American Journal of Critical Care</i> , 2022, 31, 167-168.	0.8	0
115	556: USER-ENGAGED DESIGN OF A GRAPHICAL USER INTERFACE FOR INSTABILITY DECISION SUPPORT IN THE ICU. <i>Critical Care Medicine</i> , 2022, 50, 269-269.	0.4	0
116	Interpretation of Telemetry Among Patients With a Left Ventricular Assist Device. <i>American Journal of Critical Care</i> , 2022, 31, 343-344.	0.8	0